## ABSTRACT OF THE DISCLOSURE

An image processing system which processes an image signal, and determines, extracts and corrects defective pixel signals from defective pixels in a sensor array including a plurality of pixels.  A given pixel signal from a pixel in the array is determined to be defective if it has a signal level below a threshold value, as determined by an extraction unit which then extracts each defective pixel signal from the defective pixels in the array.  A block-forming unit forms positional information for each defective pixel having a defective pixel signal extracted by the extraction unit, with positional information for a group of such extracted defective pixel signals being formed into a block.  A storage units stores, in units of blocks, positional information for the defective pixel signals.  A correction unit corrects the defective pixel signals by using the positional information, in units of blocks, stored in the storage unit.  The defective pixel signals in the image signal are then replaced by corresponding corrected defective pixel signals.